

## Weberdry S3000

(formerly Weberdry MB165)

Self-adhesive, bituminous waterproofing membrane

Weberdry S3000 is a self-adhesive, high tack, bituminous, waterproofing membrane with high strength HDPE film for external and internal applications.

### PRODUCT BENEFITS



SELF ADHESIVE  
MEMBRANE



EASY  
TO APPLY



PUNCTURE  
RESISTANCE

### USES

Weberdry S3000 is for waterproofing of foundations and basements, roof underlayment, roof gardens, and terraces. It is suitable on vertical walls, retaining walls, plaza decks and podiums.

### ADVANTAGES

- Excellent adhesion
- Cold application
- Flexibility - adapt to irregularly shaped surfaces
- Controlled thickness

### TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Black
Application Temperature	+ 5 °C to + 45 °C
Service Temperature	- 20 °C to + 80 °C
Dimension Stability	- 0.28 % (Longitudinal); 0.34 % (Transverse)
(SS 374: 1994 (2017), Appendix A)	

Chemical Immersion & Thermal Ageing	Before	After (% change)			
		10% NaCl	Saturated Lime	5-6% H <sub>2</sub> SO <sub>3</sub>	
<b>Membrane Thickness</b> (DIN EN ISO 2286-3: 2016)	1.57 mm	- 0.4	2.6	- 0.1	
<b>Tensile Strength</b> (SS 374: 1994 (2017) Appendix B)	Longitudinal	4.03 MPa	2.6	0.6	1.7
	Transverse	3.50 MPa	0.3	0.3	0.7
<b>Elongation at Break</b> (SS 374: 1994 (2017) Appendix B)	Longitudinal	468 %	- 7.5	- 9.6	- 9.2
	Transverse	430 %	- 5.1	-3.0	-2.6
<b>Impact Resistance</b> (G14-04 (2018) & ADM/CE/021: 2016)	12.9 N.mm	7.6	- 4.1	4.9	
<b>Resistance to Hydrostatic Head</b> (DIN 16726: 2017-08, Clause 5.11)	> 50 m (No leakage)				
<b>Peel Adhesion to Concrete</b> (ASTM D903-98 (2017))	2633 N/m	2.1	0.5	- 4.2	

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

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Self-adhesive, bituminous waterproofing membrane

## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. All potholes, cracks, honeycombs, and structural defects must be examined and remedied.



### Priming

Prime with one coat of Weberprim ES 124 / Weberdry Bitu Coat (bituminous primer) at a rate of 5 - 6 m<sup>2</sup> per litre. Allow the primer to dry for approx. 30 minutes.



### Application

Cut Weberdry S3000 to the required dimensions. Position the roll and remove the siliconized release paper by peeling back >300 mm at a time. Unroll Weberdry S3000, keeping the adhesive side facing down. Press down the membrane, working from the centre to the outer edge. If bubbles caused by air are trapped underneath, pierce the bubble with a nail and press the air out towards the hole. The membrane will self-seal.

After the first roll has been applied to the substrate, place the next roll alongside, overlapping the edge. Align at least 50 mm away from the edge of the membrane. Once the membrane has aligned, roll it without changing its orientation. Peel back the release strip press down the membrane, including covering the lapped area of the first roll. The overlaps are then pressed down using a light roller if possible. End laps are formed by lapping at least 100 mm. The membrane should always be laid at the highest point and the edges should shed water. Expansion joints may be covered with the membrane but tolerance must be provided to accommodate movements.

In vertical applications, Weberdry S3000 should be applied over the edge of the parapet wall, the edge of the slab, or the top of the foundation. To terminate, a groove or chase should be used. The membrane can be cut into strips of 200 mm - 300mm that are used for counter-flashing for hydraulic installations.

## PROTECTION

Weberdry S3000 should always be protected from damage caused by other trades, equipment, and materials used during backfilling. Weberdry S3000 should not be left exposed to UV light for long periods.

## STORAGE & PACKING

Weberdry S3000 is available in 1.0m x 20.0m x 1.5mm.

Rolls should be stored vertically in a covered area protected against sunlight and UV radiation.

## HEALTH & SAFETY

Please keep out of reach of children.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Nov '23)

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